



OMEGA TYPE ES-353 Experimental Set-Up has been designed specifically to determine the Separation Between the Plates of a Fabry Perot Etalon. The Set-up consists of Fabry Perot Etalon, Spectrometer, Sodium Light Source, Optical Slit, Reading Lens and Spirit Level etc.

Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

01 To determine the Separation between the Plates of a Fabry Perot Etalon.

FEATURES

The complete Experimental Set-up consists of the followings :

01 FABRY PEROT ETALON

02 SPECTROMETER STANDARD :

6" dia circle reading 30 seconds. The objectives used in telescope and collimator are achromatic and provided with rack and pinion focusing arrangement. Telescope arm and prism table are provided with fine and coarse adjustment. The prism table is provided with three leveling screws and is engraved with concentric rings & lines.

The scales and verniers are of stainless steel and are machine divided. Clamping devices are also provided to lock telescope and collimator after adjustment; with prism clamping device and diffraction grating stand.

03 SODIUM LIGHT SOURCE :

Sodium light source complete with sodium lamp 35 watt with vacuum jacket, Transformer & Wooden Box having four holes with slide covers one each on every side at different heights.

04 OPTICAL SLIT :

Optically true, precision ground stainless steel jaws. The jaws open uniformly all along through the milled head with Square Stand.

05 READING LENS :

40/50 mm Diameter with handle.

06 SPIRIT LEVEL : 60/80 mm. length.

07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

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